

Health Sci, 49: 267-272, 2003

Allergy, 33: 802-807, 2003

- 60) Hachiya NS, Watanabe K, Sakasegawa Y, Kaneko K. Microtubules-associated intracellular localization of the NH₂-terminal cellular prion protein fragment. Biochem Biophys Res Commun., 313:818-823, 2004
- 61) Shinya Hara, Hiroshi Kimura, Yo Hoshino, Naomi Hayashi, Tamiko Negoro, Akihisa Okumura, Yasuichi Kajita, Takashi Sakuma, Tersuo Nakayama, Mitsuaki Hosoya, Akemi Tomoda, Tsuneo Morishima : Combination therapy with intraventricular interferon- and ribavirin for subacute sclerosing panencephalitis and monitoring measles virus RNA by quantitative PCR assay. Brain & Development. 25 : 367-369, 2003.
- 62) Mitsuaki Hosoya : Ribavirin therapy for subacute sclerosing panencephalitis (SSPE). Recent. Res.Devel Antimicrob. Agents & Chemother. 5 : 45-60, 2002.
- 63) Ikegaya H, Iwase H, Yogo Y. Detection of identical JC virus sequences in both human kidneys. Arch Virol, in press.
- 64) Hasegawa K, Ichiyama T, Isumi H, Nakata M, Sase M, Furukawa S: NF-κB activation in peripheral blood mononuclear cells in neonatal asphyxia. Clin Exp Immunol. 132: 261-264, 2003
- 65) Hasegawa S, Ichiyama T, Matsubara T, Tokuda O, Furukawa S: Caffey disease in a 6-month-old girl. Eur J Pediatr in press.
- 66) Ichiyama T, Isumi H, Ozawa H, Matsubara T, Morishima T, Furukawa S: Cerebrospinal fluid and serum levels of cytokines and soluble tumor necrosis factor receptor in influenza virus-associated encephalopathy. Scand J Infect Dis. 35: 59-61, 2003
- 67) Ichiyama T, Hasegawa S, Umeda M, Terai K, Matsubara T, Furukawa S: Pranlukast inhibits NF-κB activation in human monocytes/macrophages and T cells. Clin Exp
- 68) Ichiyama T, Endo S, Kaneko M, Isumi H, Matsubara T, Furukawa S: Serum cytokine concentrations of influenza-associated acute necrotizing encephalopathy. Pediatr Int. 45: 734-736, 2003
- 69) Ichiyama T, Ueno Y, Isumi H, Niimi A, Matsubara T, Furukawa S: An immunoglobulin agent (IVIG) inhibits NF-κB activation in cultured endothelial cells of coronary arteries in vitro. Inflamm Res in press.
- 70) Korth C, Kaneko K, Groth D, Heye N, Telling G, Mastrianni J, Parchi P, Gambetti P, Will R, Ironside J, Heinrich C, Tremblay P, DeArmond SJ, Prusiner SB: Abbreviated incubation times for human prions in mice expressing a chimeric mouse-human prion protein transgene. PNAS. 100: 4784-4789, 2003
- 71) Kato A, Kitamura T, Takasaka T, Zheng HY, Tominaga T, Yogo Y. Detection of archetypal JC virus DNAs in tonsilar tissue from patients with tonsillitis and tonsilar hypertrophy. in preparation.
- 72) Kubosaki A., Nishimura-Nasu Y., Nishimura T., Yusa S., Sakudo A., Saeki K., Matsumoto Y., Itohara S., Onodera T.: Expression of normal prion protein (PrP) on T lymphocytes and the effect of copper ion: analysis by wild-type and prion gene-deficient mice. Biochem. Biophys. Res. Commun. 307: 810-813, 2003
- 73) Kitamoto T, Mohri S, Ironside JW, Miyoshi I, Tanaka T, Kitamoto N, Itohara S, Kasai N, Katsuki M, Higuchi J, Muramoto T, Shin R-W: Follicular dendritic cell of the knock-in mouse provides a new bioassay for human prions. Biochem Biophys Res Commun 294: 280-286, 2002
- 74) Matsubara T, Anwar R, Fujiwara M, Ichiyama T, Furukawa S: CTLA-4 (CD152) expression in peripheral blood T cells in Kawasaki disease. Clin Exp Immunol. 132: 169-173, 2003

- 75) Matsubara T, Yoshitomi T, Kaneko M, Ichiyama T, Furukawa S: Ketotic hypoglycemia in patients with allergic diseases. *Pediatr Int.* 45: 653-655, 2003
- 76) Nakamura, N., Miyamoto, K., Shimokawa, M., Nishida, N., Mohri, S., Kitamoto, T., Horiuchi, H., Furusawa, S. and Matsuda, H.: Generation of antibodies against prion protein by scrapie-infected cell immunization of PrP^{0/0} mice. *Hybridoma and Hybridomics* 22(4): 263-266, 2003
- 77) Nakamura Y., Sakudo A., Saeki K., Kaneko T., Matsumoto Y., Toniolo A., Itohara S., Onodera T.: Transfection of prion protein gene suppresses coxsackievirus B3 replication in prion protein gene-deficient cells. *J. Gen. Virol.* 84: 3495-3502, 2003
- 78) Nishikawa M, Ichiyama T, Hasegawa M, Kawasaki K, Matsubara T, Furukawa S: The safety for thromboembolism of intravenous immunoglobulin therapy in Kawasaki disease: the study of whole blood viscosity. *Pediatr Int.* 45: 156-158, 2003
- 79) Ohkubo T, Sakasegawa Y, Asada T, Kinoshita T, Goto Y, Kimura H, Mizusawa H, Hachiya NS, Kaneko K: Absence of association between codon 129/219 polymorphisms of the prion protein gene and Alzheimer's disease in Japan. *Ann Neurol.* 54: 553-554, 2003
- 80) Sakasegawa Y, Hachiya NS, Tsukita S, Kaneko K: Ecm10p localizes in yeast mitochondrial nucleoids and its overexpression induces extensive mitochondrial DNA aggregations. *Biochem Biophys Res Commun.* 309: 217-221, 2003
- 81) Sakudo A., Lee D-C., Yoshimura E., Nagasaka S., Nitta K., Saeki K., Matsumoto Y., Lehmann S., Itohara S., Sakaguchi S., Onodera T.: Prion protein suppresses perturbation of cellular copper homeostasis under oxidative conditions. *Biochem. Biophys. Res. Commun.* 313: 850-855, 2004
- 82) Sakudo A., Lee D-C., Saeki K., Matsumoto Y., Itohara S., Onodera T.: Tumor necrosis factor attenuates prion protein-deficient neuronal cell death by increases in anti-apoptotic Bcl-2 family proteins. *Biochem.Biophys. Res. Commun.* 310: 725-729, 2003
- 83) Sakudo A., Lee D-C., Saeki K., Nakamura Y., Inoue K., Matsumoto Y., Itohara S., Onodera T. : Impairment of superoxide dismutase activation by N-terminally truncated prion protein (PrP) in PrP-deficient neuronal cell line. *Biochem. Biophys. Res. Commun.* 308: 660-667, 2003
- 84) Sakudo A., Hamaishi M., Hosokawa-Kanai T., Tsuchiya, K., Nishimura T., Saeki K., Matsumoto Y., Ueda S., Onodera T.: Absence of superoxide dismutase activity in a soluble isoform of prion protein produce by baculovirus expression system. *Biochem. Biophys. Res. Commun.* 307: 678-683, 2003
- 85) Satoh K, Muramoto T, Tanaka T, Kitamoto N, Ironside JW, Nagashima K, Yamada M, Sato T, Mohri S, Kitamoto T. Association of an 11-12kDa protease-resistant prion protein fragment with subtypes of dura graft-associated Creutzfeldt-Jakob disease and other prion diseases. *J. Gen. Virol.* 84:2885-2893, 2003
- 86) Sato K, Muramoto T, Tanaka T, Kitamoto N, Ironside JW, Nagashima K, Yamada M, Sato T, Mohri S, Kitamoto T: Association of an 11-12 kDa protease-resistant prion protein fragment with subtypes of dura graft-associated Creutzfeldt-Jakob disease and other prion diseases. *J Gen Virol* 84: 2885-2893, 2003
- 87) Sekijima M, Motono C, Yamasaki S, Kaneko K, Akiyama Y: Molecular dynamics simulation of dimeric and monomeric forms of human prion protein: insight into dynamics and properties. *Biophys J.* 85: 1176-1185, 2003
- 88) Taguchi Y, Mohri S, Ironside JW, Muramoto T, Kitamoto T: Humanized knock-in mice expressing chimeric PrP showed varied

susceptibility to different human prions. Am J Pathol 163: 2585-2593, 2003

89) Takasu T., Mgone J. M., Mgone C. S., et al.: A continuing high incidence of subacute sclerosing panencephalitis (SSPE) in the Eastern Highlands of Papua New Guinea. Epidemiol Infect 131: 887-898, 2003

90) Tomoda A., Nomura K., Hosoya M., Miike T., Nihei K. :Trial of intraventricular ribavirin therapy for subacute sclerosing panencephalitis in Japan. Brain & Development. 27:514-517, 2003

91) Yamazaki K, Yamada E, Kanaji Y, Yanagisawa T, Kato Y, Sato K, Takano K, Sakasegawa Y, Kaneko K: Stimulation of cellular prion protein expression by TSH in human thyrocytes. Biochem Biophys Res Commun. 305: 1034-1039, 2003

92) Yamamoto S, Furukawa H, Kitamoto T et al. : An atypical form of sporadic panencephalopathic Creutzfeldt-Jakob disease in Japan. Neuropathol Appl Neurobiol. 29:77-80, 2003

93) Umezawa M., Tatematsu K., Korenaga T., Fu X., Matushita T., Okuyama H., Hosokawa M., Takeda T., Higuchi K: Dietary fat modulation of apoA-II metabolism and prevention of senile amyloidosis in the senescence-accelerated mouse. J Lipid Res 44: 762-769, 2003

94) Yasuda Y, Yabe H, Inoue H, Shimizu T, Yabe M, Yogo Y, Kato S. Comparison of PCR-amplified JC virus control region sequences from multiple brain regions in PML. Neurol 61:1617-1619, 2003.

95) Yogo Y, Sugimoto C, Zheng HY, Ikegaya H, Takasaka T, Kitamura T. JC virus genotyping offers a new paradigm in the study of human populations. Rev Med Virol, in press.

96) Yoneshima Y, Ichiyama T, Ayukawa H, Matsubara, Furukawa S: Fosfomycin inhibits NF- κ B activation in U-937 and Jurkat cells. Int J Antimicrob Agents. 21: 589-592, 2003

97) Zheng HY, Kitamura T, Takasaka T, Chen Q, Yogo Y. Unambiguous identification of JC virus strains transmitted from parents to children. Arch Virol 149:261-273, 2004.

98) Zheng HY, Yasuda Y, Kato S, Kitamura T, Yogo Y. Stability of JC virus-coding sequences in a case of progressive multifocal leukoencephalopathy where the viral control region was rearranged markedly. Arch Pathol Lab Med, in press.

99) Fu X., Korenaga T., Fu L., Xing Y., Guo Z., Matsushita T., Hosokawa M., Naiki H., Baba S. Kawata Y., Ikeda S., Ishihara T., Mori M., Higuchi K: Induction of AApoAII amyloidosis by various heterogenous amyloid fibrils. FEBS Lett in press

100) Dohgu S, Yamauchi A, Takata F, Sawada Y, Higuchi S, Naito M, Tsuruo T, Shirabe S, Niwa Masami, Kataoka Y: Uptake and Efflux of Quinacrine, a Candidate for the Treatment of Prion Disease at Blood-Brain Barrier. Cell Mol Neurobiol. 2003 in press

101) Osoegawa M, Ochi H, Kikuchi H, Shirabe S, Nagashima T, Tsumoto T, Tamura Y, Yamabe K, Takahashi H, Iwaki T, Kira J: Eosinophilic myelitis associated with atopic diathesis : a combined neuroimaging and histopathological study. Acta Neuropathol. 105: 289-295, 2003

102) Sato K, Muramoto T, Tanaka T, Kitamoto N, Ironside LW, Nagashima K, Yamada M, Sato T, Mohri and Kitamoto T ; Association of an 11-12kDa protease-resistant prion protein fragment with subtypes of dura graft-associated Creutzfeldt-Jakob disease and other prion diseases. J Gen Virol. 84:2885, 2003

103) Sakudo A., Lee D., Yoshimura E., Nagasaka S., Nitta K., Saeki K., Matsumoto Y., Lehmann S., Itohara S., Sakaguchi S., Onodera T.: Prion protein suppresses perturbation of cellular copper homeostasis under oxidative conditions. Biochemical and Biophysical Research Communications. 313: 845-850, 2004

- 104) Watarai M., Kim S., Erdenebaatar J., Makino S., Horiuchi M., Shirahata T., Sakaguchi S., Katamine S.: Cellular prion protein promotes Brucella infection into macrophages. *Journal of Experimental Medicine*. 198: 5-17, 2003
- 105) Atarashi R., Nishida N., Shigematsu K., Goto S., Kondo T., Sakaguchi S., Katamine S.: Deletion of N-terminal residues 23-88 from prion protein (PrP) abrogates the potential to rescue PrP-deficient mice from PrP-like protein/Doppel-induced neurodegeneration. *Journal of Biological Chemistry*. 278: 28944-28949, 2003
- 106) Ishida C, Kakishima A, Okino S, Furukawa Y, Kano M, Oda Y, Nakanishi I, Makifuchi T, Kitamoto T, Yamada M. Sporadic Creutzfeldt-Jakob disease with MM1 type prion protein and plaques. *Neurology* 60:514-517, 2003.
- 107) Satoh K, Muramoto T, Tanaka T, Kitamoto N, Ironside JW, Nagashima K, Yamada M, Sato T, Mohri S, Kitamoto T. Association of an 11-12 kDa protease-resistant prion protein fragment with subtypes of dura graft-associated Creutzfeldt-Jakob disease and other prion diseases. *J Gen Virol* 84: 2885-2893, 2003.
- 108) Nakamura Y, Watanabe M, Nagoshi K, Kitamoto T, Sato T, Yamada M, Mizusawa H, Maddox R, Sejvar J, Belay E, Schonberger LB. Update: Creutzfeldt-Jakob disease associated with cadaveric dura mater grafts - Japan, 1979-2003. *MMWR* 52:1179-1180, 2003.
- 109) Fukushima R, Shiga Y, Nakamura M, Fujimori J, Kitamoto T, Yoshida Y. MRI characteristics of sporadic CJD with valine homozygosity at codon 129 of the prion protein gene and PrPSc type 2 in Japan. *J Neurol Neurosurg Psychiatry* 75: 485-487, 2004.
- 110) Jin K, Shiga Y, Shibuya S, Chida K, Sato Y, Konno H, Doh-ura K, Kitamoto T, Itoyama Y. Characteristic features of Creutzfeldt-Jakob disease with V180I mutation. *Neurology* 62: 502-505, 2004.
- 111) Nakamura Y, Watanabe M, Nagoshi K, Kitamoto T, Sato T, Yamada M, Mizusawa H, Maddox R, Sejvar J, Belay E, Schonberger LB: Update: Creutzfeldt-Jakob disease associated with cadaveric dura mater grafts -- Japan, 1979-2003. *Morbidity and Mortality Weekly Report*. 52(48): 1179-1181, 2003
- 112) Doh-ura K, Ishikawa K, Murakami-Kubo I, Sasaki K, Mohri S, Race R, Iwaki T: Treatment of transmissible spongiform encephalopathy by intraventricular drug infusion in animal models. *J Virol* (in press)
- 113) Ishikawa K, Doh-ura K, Kudo Y, Murakami-Kubo I, Ando Y, Sawada T, Iwaki T: Amyloid imaging probes are useful for evaluation and treatment of transmissible spongiform encephalopathies. *J Gen Virol* (in press)
- 114) Nakajima M, Yamada T, Kusuvara T, Furukawa H, Takahashi Y, Kataoka Y, Doh-ura K: Results of quinacrine administration to patients with Creutzfeldt-Jakob disease. *Dement Geriatr Cogn Disord* (in press)
- 115) Murakami-Kubo I, Doh-ura K, Ishikawa K, Kawatake S, Sasaki K, Kira J, Ohta S, Iwaki T: Quinoline derivatives are therapeutic candidates for transmissible spongiform encephalopathies. *J Virol* (in press)
- 116) Tsuji Y, Kanamori H, Murakami G, Yokode M, Mezaki T, Doh-ura K, Taniguchi K, Matsubayashi K, Fukuyama H, Kita T, Tanaka M: Heidenhain variant of Creutzfeldt-Jakob disease: diffusion-weighted MRI and PET characteristics. *J Neuroimaging* (in press)
- 117) Ando Y, Haraoka K, Terazaki H, Tanoue Y, Ishikawa K, Katsuragi S, Nakamura M, Sun X, Nakagawa K, Sasamoto K, Takesako K, Ishizaki T, Sasaki Y, Doh-ura K: A novel tool for detecting amyloid deposits in systemic amyloidosis in vitro and in vivo. *Lab Invest* (in

press)

- 118) Sasaki K, Doh-ura K, Furuta A, Nakashima S, Morisada Y, Tateishi J, Iwaki T: Neuropathological features of a case with schizophrenia and prion protein gene P102L mutation before onset of Gerstmann-Straussler-Scheinker disease. *Acta Neuropathol* 106: 92-96, 2003
- 119) Nishida T, Tokumaru AM, Doh-ura K, Hirata A, Motoyoshi K, Kamakura K: Probable sporadic Creutzfeldt-Jakob disease with valine homozygosity at codon 129 and bilateral middle cerebellar peduncle lesions. *Intern Med* 42:199-202, 2003
- 120) Kikuchi H, Yamada T, Furuya H, Doh-ura K, Ohyagi Y, Iwaki T, Kira J: Involvement of cathepsin B in the motor neuron degeneration of amyotrophic lateral sclerosis. *Acta Neuropathol* 105:462-468, 2003
- 121) Kusuvara K, Sasaki Y, Nakao F, Ihara K, Hattori H, Yamashita S, Nihei K, Koide N, Aiba H, Takeshita K, Hara T: Analysis of measles virus binding sites of the CD46 gene in patients with subacute sclerosing panencephalitis. *J Infect Dis* 181: 1447-1449, 2000.
- 122) Inoue T, Kira R, Nakao F, Ihara K, Bassuny WM, Kusuvara K, Nihei K, Takeshita K, Hara T: Contribution of the interleukin 4 gene to susceptibility to subacute sclerosing panencephalitis. *Arch Neurol* 59: 822-827, 2002.
- 123) Torisu H, Kusuvara K, Kira R, Bassuny WM, Sakai Y, Sanefuji M, Takemoto M, Hara T: Functional MxA promoter polymorphism associated with subacute sclerosing panencephalitis in Japan. *Neurol* 2004 (in press).
- 124) Shishido-Hara Y., Ichinose S., Higuchi, K., Hara, Y., Yasui K.: Nuclear Transport and Assembly of Human Polyomavirus JC Capsid Proteins: Cooperative Localization of Major and Minor Capid Proteins to Distinct Subnuclear Domains for Assembly into Virions. Submitted.
- 125) Ishikawa T., Shibuya K., Yasui K., Mitamura K., Ueda S.: Expression of hepatitis C virus core protein associated with malignant lymphoma in transgenic mice. *Comp Immunol Microbiol Infect Dis*. 26: 115-124, 2003
- 126) Kojima A, Yasuda A, Asanuma H, Ishikawa T, Takamizawa A, Yasui K, Kurata T.: Stable high-producer cell clone expressing virus-like particles of the Japanese encephalitis virus e protein for a second-generation subunit vaccine. *J Virol*.77: 8745-8755, 2003
- 127) Zhao Z, Wakita T, Yasui K.: Inoculation of plasmids encoding Japanese encephalitis virus PrM-E proteins with colloidal gold elicits a protective immune response in BALB/c mice. *J Virol*. 77: 4248-4260, 2003
- 128) Kato T, Miyamoto M, Date T, Yasui K, Taya C, Yonekawa H, Ohue C, Yagi S, Seki E, Hirano T, Fujimoto J, Shirai T, Wakita T.: Repeated hepatocyte injury promotes hepatic tumorigenesis in hepatitis C virus transgenic mice. *Cancer Sci*. 94 : 679-685, 2003
- 129) Kato T, Miyamoto M, Furusaka A, Date T, Yasui K, Kato J, Matsushima S, Komatsu T, Wakita T.: Processing of hepatitis C virus core protein is regulated by its C-terminal sequence. *J Med Virol*. 69: 357-366, 2003
- 130) An J, Zhou DS, Kawasaki K, Yasui K.: The pathogenesis of spinal cord involvement in dengue virus infection. *Virchows Arch*. 442: 472-481, 2003
- 131) Ohgimoto, S., Ohgimoto, K., Itoh, M., Ihara, T., and Hotta, H.: Viral assembly and/or release of vaccine strains, but not field isolates, of measles virus is impaired in cultured human dendritic cells. (in preparation)

- 132) Watarai, M., Kim, S., Erdenebaatar, J., Makino, S., Horiuchi, M., Shirahata, T., Sakaguchi, S., and Katamine, S. Cellular prion protein promotes Brucella Infection into macrophages. *J. Exp. Med.* 198: 5-17, 2003.
- 133) Okamoto, M., Furuoka, H., Horiuchi, M., Noguchi, T., Hagiwara, K., Muramatsu, Y., Tomonaga, K., Tsuji, M., Ishihara, C., Ikuta, K., and Taniyama, H. Experimental Transmission of Abnormal Prion Protein (PrP^{Sc}) in the Small Intestinal Epithelial Cells of Neonatal Mice. *Vet Pathol.* 40: 723-727, 2003.
- 134) Kim, C-L., Umetani, A., Matsui, T., Ishiguro, N., Shinagawa, M., and Horiuchi, M. Antigenic characterization of an abnormal isoform of prion protein using a new diverse panel of monoclonal antibodies. *Virology* 320: 41-52, 2004.
- 135) Shintaku M, Matsumoto R, Sawa H, Nagashima K: Infection with JC virus and possible dysplastic ganglion-like transformation of the cerebral cortical neurons in a case of progressive multifocal leukoencephalopathy. *J Neuropathol Exp Neurol.* 59: 921-9, 2000.
- 136) Okada Y, Sawa H, Tanaka S, Takada A, Suzuki S, Hasegawa H, Umemura T, Fujisawa J, Tanaka Y, Hall WW, Nagashima K: Transcriptional activation of JC virus by human T-lymphotropic virus type I Tax protein in human neuronal cell lines. *J Biol Chem.* 275: 17016-23, 2000
- 137) Okada Y, Endo S, Takahashi H, Sawa H, Umemura T, Nagashima K: Distribution and function of JCV agnoprotein. *J Neurovirol.* 7: 302-6, 2001.
- 138) Suzuki S, Sawa H, Komagome R, Orba Y, Yamada M, Okada Y, Ishida Y, Nishihara H, Tanaka S, Nagashima K: Broad distribution of the JC virus receptor contrasts with a marked cellular restriction of virus replication. *Virology.* 286: 100-12, 2001.
- 139) Hayashi H, Endo S, Suzuki S, Tanaka S, Sawa H, Ozaki Y, Sawamura Y, Nagashima K: JC virus large T protein transforms rodent cells but is not involved in human medulloblastoma. *Neuropathology.* 21: 129-37, 2001.
- 140) Safak M, Barrucco R, Darbinyan A, Okada Y, Nagashima K, Khalili K: Interaction of JC virus agno protein with T antigen modulates transcription and replication of the viral genome in glial cells. *J Virol.* 75: 1476-86, 2001.
- 141) Komagome R, Sawa H, Suzuki T, Suzuki Y, Tanaka S, Atwood WJ, Nagashima K: Oligosaccharides as receptors for JC virus. *J Virol.* 76: 12992-3000, 2002.
- 142) Okada Y, Sawa H, Endo S, Orba Y, Umemura T, Nishihara H, Stan AC, Tanaka S, Takahashi H andNagashima K: Expression of JC virus agnoprotein in progressive multifocal leukoencephalopathy brain. *Acta Neuropathol (Berl).* 104: 130-6, 2002.
- 143) Arai Y, Tsutsui Y, Nagashima K, Shinmura Y, Kosugi T, Wakai M, Nishikage H, Yamamoto J: Autopsy case of the cerebellar form of progressive multifocal leukoencephalopathy without immunodeficiency. *Neuropathology.* 22: 48-56, 2002.
- 144) Endo S, Okada Y, Orba Y, Nishihara H, Tanaka S, Nagashima K, Sawa H: JC virus (JCV) agnoprotein colocalizes with tubulin. *J Neurovirol* 9 (Suppl 1): 10-14, 2003
- 145) Ricciardiello L, Baglioni M, Giovannini C, Pariali M, Cenacchi G, Ripalti A, Landini MP, Sawa H, Nagashima K, Frisque RJ, Goel A, Boland CR, Tognon M, Roda E, Bazzoli F: Induction of Chromosomal Instability in Colonic Cells by the Human Polyomavirus JC Virus. *Cancer Res* 63:7256-62, 2003
- 146) Teramoto T, Kaneko H, Futano M, Sawa H, Nagashima K, Hirose Y, Kondo N: Progressive multifocal leukoencephalopathy in a patient with X-linked agammaglobulinemia.

- 147) Hui Z, Doi H, Kanouchi H, Matsuura Y, Mohri S, Nonomura Y, Oka T : Alkaline serine protease produced by *Streptomyces* sp. Degrades PrP^{Sc}. *Biochem Biophys Res Commun* 321:45-50, 2004
- 148) Kobayashi A, Satoh S, Ironside J.W, Mohri S, Kitamoto T : Type 1 and type 2 human PrP^{Sc} have different aggregation sizes in methionine homozygotes with sporadic, iatrogenic and variant Creutzfeldt-Jakob disease. *J Gen Virol* 86:237-240, 2005
- 149) Shimizu M, Furuya S, Shinoda Y, Mitoma J, Okamura T, Miyoshi I, Kasai N, Hirabayashi Y, Suzuki Y : Functional analysis of mouse 3-phosphoglycerate dehydrogenase (*Phgdh*) gene promoter in developing brain. *J Neuron Res* 76:623-632, 2004
- 150) Murakami M, Mori T, Nakagawasaki O, Hagiwara K, Sakurada Y, Mobarakeh II, Murata A, Yamadera F, Miyoshi I, Tan-No K, Yanai K, Tadano T, Iijima T : Inhibitory effect of pranidipine on N-type voltage-dependent Ca²⁺ channels in mice. *Neurosci Lett* 367:118-122, 2004
- 151) Meng Y, Miyoshi I, Hirabayashi M, Su M, Mototani Y, Okamura T, Terada K, Ueda M, Enomoto K, Sugiyama T, Kasai N : Restoration of copper metabolism and rescue of hepatic abnormalities in LEC rats, an animal model of Wilson's disease, by expression of human ATP7B gene. *Biochim Biophys Acta* 1690:208-219, 2004
- 152) Murakami M, Nakagawasaki O, Suzuki T, Mobarakeh II, Sakurada Y, Murata A, Yamadera F, Miyoshi I, Yanai K, Tan-No K, Sasano H, Tadano T, Iijima T : Antinociceptive effect of different types of calcium channel inhibitors and the distribution of various calcium channel alpha1 subunits in the dorsal horn of spinal cord in mice. *Brain Res* 1024:122-129, 2004
- 153) Hachiya NS, Watanabe K, Sakasegawa Y, Kaneko K : Microtubules-associated intracellular localization of the NH2-terminal cellular prion protein fragment. *Biochem Biophys Res Commun* 313:818-823, 2004
- 154) Tremblay P, Ball HL, Kaneko K, Groth D, Hegde RS, Cohen FE, DeArmond SJ, Prusiner SB, Safar SJ : Mutant PrP^{Sc} Conformers Induced by a Synthetic Peptide and Several Prion Strains. *J Virol* 78:2088-2099, 2004
- 155) Hachiya NS, Watanabe K, Yamada M, Sakasegawa Y, Kaneko K : Anterograde and retrograde intracellular trafficking of fluorescent cellular prion protein. *Biochem Biophys Res Commun* 315:802-807, 2004
- 156) Kishida H, Sakasegawa Y, Watanabe K, Yamakawa Y, Nishijima M, Kuroiwa Y, Hachiya NS, Kaneko K : Non-glycosylphosphatidylinositol (GPI)-anchored recombinant prion protein with dominant-negative mutation inhibits PrP^{Sc} replication *in vitro*. *Amyloid* 11:14-20, 2004
- 157) Hachiya NS, Sakasegawa Y, Jozuka A, Tsukita S, Kaneko K : Interaction of D-lactate dehydrogenase protein 2 (Dld2p) with F-actin: Implication for an alternative function of Dld2p. *Biochem Biophys Res Commun* 319:78-82, 2004
- 158) Hachiya NS, Sakasegawa Y, Sasaki H, Jozuka A, Tsukita S, Kaneko K : Oligomeric Aip2p/Dld2p forms a novel grapple-like structure and has an ATP-dependent F-actin conformation modifying activity *in vitro*. *Biochem Biophys Res Commun* 320:1271-1276, 2004
- 159) Hachiya NS, Sakasegawa Y, Sasaki H, Jozuka A, Tsukita S, Kaneko K : Oligomeric Aip2p/Dld2p modifies the protein conformation of both properly-folded and misfolded substrates *in vitro*. *Biochem Biophys Res Commun* 323:339-344, 2004
- 160) Hachiya NS, Yamada M, Watanabe K,

- Jozuka A, Ohkubo T, Sano K, Takeuchi Y, Kozuka Y, Sakasegawa Y, Kaneko K : Mitochondrial localization of cellular prion protein (PrP^C) invokes neuronal apoptosis in aged transgenic mice overexpressing PrP^C . *Neurosci Lett* (in press)
- 161) Hachiya NS, Watanabe K, Kawabata MY, Jozuka A, Ohkubo T, Kozuka Y, Sakasegawa Y, Kaneko K : A disease isoform of fluorescent prion protein (PrP) with Y145STOP induces mitochondria-mediated apoptosis and forms PrP aggregates. *Biochem Biophys Res Commun* (in press)
- 162) Todd NV, Morrow J, Doh-ura K, Dealler S, O'Hare S, Farling P, Duddy M, Rainov NG : Cerebroventricular infusion of pentosan polysulphate in human variant Creutzfeldt-Jakob disease. *J Infect Dis* (in press)
- 163) Sasaki K, Doh-Ura K, Wakisaka Y, Tomoda H, Iwaki T : Fatal familial insomnia with an unusual prion protein deposition pattern: an autopsy report with an experimental transmission study . *Neuropathol Appl Neurobiol* 31(1):80-87, 2005
- 164) Shiga Y, Miyazawa K, Sato S, Fukushima R, Shibuya S, Sato Y, Konno H, Doh-ura K, Mugikura S, Tamura H, Higano S, Takahashi S, Itoyama Y : Diffusion-weighted MRI abnormalities as an early diagnostic marker for Creutzfeldt-Jakob disease . *Neurology* 63(3):443-449, 2004
- 165) Furukawa H, Doh-ura K, Sasaki K, Iwaki T : Accumulation of prion protein in muscle fibers of experimental chloroquine myopathy: in vivo model for deposition of prion protein in non-neuronal tissues . *Lab Invest* 84(7):828-835, 2004
- 166) Ishikawa K, Doh-ura K, Kudo Y, Nishida N, Murakami-Kubo I, Ando Y, Sawada T, Iwaki T : Amyloid imaging probes are useful for detection of prion plaques and treatment of transmissible spongiform encephalopathies. *J Gen Virol* 85(Pt 6):1785-1790, 2004
- 167) Doh-ura K, Ishikawa K, Murakami-Kubo I, Sasaki K, Mohri S, Race R, Iwaki T : Treatment of transmissible spongiform encephalopathy by intraventricular drug infusion in animal models . *J Virol* 78(10):4999-5006, 2004
- 168) Furukawa H, Doh-ura K, Okuwaki R, Shirabe S, Yamamoto K, Udon H, Ito T, Katamine S, Niwa M : A pitfall in diagnosis of human prion diseases using detection of protease-resistant prion protein in urine. Contamination with bacterial outer membrane proteins. *J Biol Chem* 279(22):23661-23667, 2004
- 169) Jin K, Shiga Y, Shibuya S, Chida K, Sato Y, Konno H, Doh-ura K, Kitamoto T, Itoyama Y : Clinical features of Creutzfeldt-Jakob disease with V180I mutation. *Neurology* 62(3):502-505, 2004
- 170) Murakami-Kubo I, Doh-Ura K, Ishikawa K, Kawatake S, Sasaki K, Kira J, Ohta S, Iwaki T : Quinoline derivatives are therapeutic candidates for transmissible spongiform encephalopathies . *J Virol* 78(3):1281-1288, 2004
- 171) Tsuji Y, Kanamori H, Murakami G, Yokode M, Mezaki T, Doh-ura K, Taniguchi K, Matsubayashi K, Fukuyama H, Kita T, Tanaka M : Heidenhain variant of Creutzfeldt-Jakob disease: diffusion-weighted MRI and PET characteristics. *J Neuroimaging* 14(1):63-66, 2004
- 172) Prinz M, Montrasio F, Furukawa H, van der Haar ME, Schwarz P, Rulicke T, Giger OT, Hausler KG, Perez D, Glatzel M, Aguzzi A. : Intrinsic resistance of oligodendrocytes to prion infection. *J Neurosci* 24:5974-5981, 2004
- 173) Nakajima M, Yamada T, Kusuhara T, Furukawa H, Takahashi M, Yamauchi A, Kataoka Y : Results of quinacrine administration to patients with Creutzfeldt-Jakob disease . *Dement Geriatr Cogn Disord* 17:158-163, 2004

- 174) Atarashi R, Sakaguchi S, Shigematsu K, Katamine S : The absence of prion-like infectivity in mice expressing prion protein-like protein. EXCLI J 3:82-90, 2004
- 175) Sakaguchi S : Antagonistic roles of prion protein and prion protein-like protein in neurodegeneration. Recent Res Devel Exp Med 1:47-61, 2004
- 176) Nishimura T, Sakudo A, Nakamura I, Lee DC, Taniuchi Y, Saeki K, Matsumoto Y, Ogawa M, Sakaguchi S, Itohara S, Onodera T : Cellular prion protein regulates intracellular hydrogen peroxide level and prevents copper-induced apoptosis . Biochem Biophys Res Commun 323:218-222, 2004
- 177) Yamaguchi N, Sakaguchi S, Shigematsu K, Okimura N, Katamine S : Doppel-induced Purkinje cell death is stoichiometrically abrogated by prion protein. Biochem Biophys Res Commun 319:1247-1252, 2004
- 178) Sakudo A, Lee DC, Li S, Nakamura T, Matsumoto Y, Saeki K, Itohara S, Ikuta K, Onodera T : PrP cooperates with ST11 to regulate SOD activity in PrP-deficient neuronal cell line . Biochem Biophys Res Commun 328:14-19, 2005
- 179) Sakudo A, Lee DC, Nishimura T, Li S, Tsuji S, Nakamura T, Matsumoto Y, Saeki K, Itohara S, Ikuta K, Onodera T : Octapeptide repeat region and N-terminal half of hydrophobic region of prion protein (PrP) mediate PrP-dependent activation of superoxide dismutase. Biochem Biophys Res Commun 326:600-606, 2005
- 180) Shyu WC, Lin SZ, Saeki K, Kubosaki A, Matsumoto Y, Onodera T, Chiang MF, Thajeb P, Li H : Hyperbaric oxygen enhances the expression of prion protein and heat shock protein 70 in a mouse neuroblastoma cell line. Cell Mol Neurobiol 24:257-268, 2004
- 181) Sakudo A, Lee DC, Yoshimura E, Nagasaka S, Nitta K, Saeki K, Matsumoto Y, Lehmann S, Itohara S, Sakaguchi S, Onodera T : Prion protein suppresses perturbation of cellular copper homeostasis under oxidative conditions. Biochem Biophys Res Commun 313:850-855, 2004
- 182) Nakamura Y, Watanabe M, Nagoshi K, Kitamoto T, Sato T, Yamada M, Mizusawa H, Maddox R, Sejvar J, Belay E, Schonberger LB : Update: Creutzfeldt-Jakob disease associated with cadaveric dura mater grafts -- Japan, 1979-2003 . JAMA 291:295-29652, 2004
- 183) Ishida C, Kitamoto T, Yamada M : Sporadic Creutzfeldt-Jakob disease with MM1-type prion protein and plaques. Reply. Neurology 62:1239, 2004
- 184) Ishida C, Okino S, Kitamoto T, Yamada M : Involvement of the peripheral nervous system in human prion diseases including dural graft-associated Creutzfeldt-Jakob disease . J Neurol Neurosurg Psychiatry (in press)
- 185) Hamaguchi T, Kitamoto T, Sato T, Mizusawa H, Nakamura, Y, Noguchi M, Furukawa Y, Ishida C, Kuji I, Mitani K, Murayama S, Kohriyama T, Katayama S, Yamashita M, Yamamoto T, Ueda F, Kawakami A, Ihara Y, Nishinaka T, Kuroda S, Suzuki N, Shiga Y, Arai H, Maruyama M, Yamada M : Clinical diagnosis of MM2 type sporadic Creutzfeldt-Jakob disease. Neurology (in press)
- 186) Saito Y, Ruberu NN, Harada M, Arai T, Sawabe M, Nukina N, Murayama S : In-situ detection of apolipoprotein E ε4 in archival human brain. Neuroreport 15:1113-1115, 2004
- 187) Ruberu NN, Saito Y, Honma N, Sawabe M, Yamanouchi H Murayama S : Granulomatous meningitis as a late complication of iodized oil myelography . Neuropathology 24:144-148, 2004
- 188) Saito Y, Suzuki K, Huelette C, Murayama S : Aberrant phosphorylation of alpha-synuclein in human Niemann-Pick type C1 disease . J Neuropath Exp Neurol

- 189) Saito Y, Ruberu NN, Sawabe M, Arai T, Kazama H, Hosoi T, Yamanouchi H Murayama S : Lewy body-related alpha-synucleinopathy in aging. *J Neuropath Exp Neurol* 63:742-749, 2004
- 190) Saito Y, Ruberu NN, Sawabe M, Arai T, Tanaka N, Kakuta Y, Yamanouchi H, Murayama S : Staging of argyrophilic grains, an age-associated tauopathy. *J Neuropath Exp Neurol* 63:911-918, 2004
- 191) Murayama S, Saito Y : Neuropathological diagnostic criteria for Alzheimer disease . *Neuropathology* 24:254-260, 2004
- 192) Hasegawa S, Ichiyama T, Matsubara T, Tokuda O, Furukawa S : Caffey disease in a 6-month-old girl. *Eur J Pediatr* 163:175-176, 2004
- 193) Asaoka K, Shoji H, Nishizaka S, Ayabe M, Abe T, Ohori N, Ichiyama T, Eizuru Y : Non-herpetic acute limbic encephalitis : cerebrospinal fluid cytokines and magnetic resonance imaging findings . *Intern Med* 43:42-48, 2004
- 194) Ichiyama T, Ueno Y, Isumi H, Niimi A, Matsubara T, Furukawa S : Intravenous immunoglobulin inhibits NF- κ B activation and affects Fcg receptor expression in monocytes/macrophages . *Naunyn-Schmiedeberg's Arch Pharmacol* 369:428-433, 2004
- 195) Ichiyama T, Ueno Y, Isumi H, Niimi A, Matsubara T, Furukawa S : An immunoglobulin agent (IVIG) inhibits NF- κ B activation in cultured endothelial cells of coronary arteries *in vitro*. *Inflamm Res* 53:253-256, 2004
- 196) Ide F, Matsubara T, Kaneko M, Ichiyama T, Mukouyama T, Furukawa S : Staphylococcal enterotoxin-specific IgE antibodies in atopic dermatitis. *Pediatr Int* 46:337-341, 2004
- 197) Shoji H, Asaoka K, Ayabe M, Ichiyama T, Sakai K : Non-herpetic acute limbic encephalitis: a new subgroup of limbic encephalitis? *Intern Med* 43:348, 2004
- 198) Ayukawa H, Matsubara T, Kaneko M, Hasegawa M, Ichiyama T, Furukawa S : Expression of CTLA-4 (CD152) in peripheral blood T cells of children with influenza virus infection including encephalopathy in comparison with respiratory syncytial virus infection . *Clin Exp Immunol* 137:151-155, 2004
- 199) Ichiyama T, Morishima T, Isumi H, Matsufuji H, Matubara T, Furukawa S : Analysis of cytokine levels and NF- κ B activation in peripheral blood mononuclear cells in influenza virus-associated encephalopathy. *Cytokine* 27:31-37, 2004
- 200) Tada H, Takanashi J, Barkovich AJ, Oba H, Maeda M, Tsukahara H, Suzuki M, Yamamoto T, Shimono T, Ichiyama T, Taoka T, Sohma O, Yoshikawa H, Kohno Y : Clinically mild encephalitis/encephalopathy with a reversible splenial lesion. *Neurology* 63:1854-1858, 2004
- 201) Mitsuaki H, Shuichi M, Akemi T, Kenji M, Yukio S, Hiroshi K, Shiro S, Hitoshi S : Pharmacokinetics and effects of ribavirin following intraventricular administration for treatment of subacute sclerosing panencephalitis. *Antimicrob Agents Chemother* 48:4631-4635, 2004
- 202) Okada Y, Sawa H, Tanaka S, Takada A, Suzuki S, Hasegawa H, Umemura T, Fujisawa J, Tanaka Y, Hall W. W., Nagashima K : Transcriptional activation of JC virus by human T-lymphotropic virus type I tax protein in human neuronal cell lines . *J Biol Chem* 275:17016-17023, 2000
- 203) Shintaku M, Matsumoto R, Sawa H, Nagashima K : Infection with JC virus and possible dysplastic ganglion-like transformation of the cerebral cortical neurons

- in a case of progressive multifocal leukoencephalopathy . J Neuropathol Exp Neurol 59:921-929, 2000.
- 204) Okada Y, Endo S, Takahashi H, Sawa H, Umemura T, Nagashima K : Distribution and function of JCV agnoprotein . J Neurovirol 7:302-306, 2001
- 205) Safak M, Barrucco R, Darbinyan A, Okada Y, Nagashima K, Khalili K : Interaction of JC Virus Agno Protein with T Antigen Modulates Transcription and Replication of the Viral Genome in Glial Cells . J Virol 75:1476-1486, 2001
- 206) Suzuki S, Sawa H, Komagome R, Orba Y, Yamada M, Okada Y, Ishida Y, Nishihara H, Tanaka S, Nagashima K : Broad distribution of the jc virus receptor contrasts with a marked cellular restriction of virus replication . Virology 286:100-112, 2001
- 207) Hayashi H, Endo S, Suzuki S, Tanaka S, Sawa H, Ozaki Y, Sawamura Y, Nagashima K : JC virus large T protein transforms rodent cells but is not involved in human medulloblastoma. Neuropathology 21:129-137, 2001
- 208) Komagome R, Sawa H, Suzuki T, Suzuki Y, Tanaka S, Atwood WJ, Nagashima K : Oligosaccharides as receptors for JC virus. J Virol 76:12992-123000, 2002
- 209) Okada Y, Sawa H, Endo S, Orba Y, Umemura T, Nishihara H, Stan AC, Tanaka S, Takahashi H, Nagashima K : Expression of JC virus (JCV) agnoprotein in progressive multifocal leukoencephalopathy (PML) brain. Acta Neuropathol 104:130-136, 2002
- 210) Arai Y, Tsutsui Y, Nagashima K, Shinmura Y, Kosugi T, Wakai M, Nishikage H, Yamamoto J : Autopsy case of the cerebellar form of progressive multifocal leukoencephalopathy without immunodeficiency. Neuropathology 22:48-56, 2002
- 211) Endo S, Okada Y, Orba Y, Nishihara H, Tanaka S, Nagashima K, Sawa H : JC virus (JCV) agnoprotein colocalizes with tubulin. J Neurovirol 9:10-14, 2003
- 212) Ricciardiello L, Baglioni M, Giovannini C, Pariali M, Cenacchi G, Ripalti A, Landini MP, Sawa H, Nagashima K, Frisque RJ, Goel A, Boland CR, Tognon M, Roda E, Bazzoli F : Induction of Chromosomal Instability in Colonic Cells by the Human Polyomavirus JC Virus. Cancer Res 63:7256-7262, 2003
- 213) Teramoto T, Kaneko H, Futano M, Sawa H, Nagashima K, Hirose Y, Kondo N : Progressive multifocal leukoencephalopathy in a patient with X-linked agammaglobulinemia. Scand J Infect Dis 35:910-911, 2003
- 214) Orba Y, Sawa H, Iwata H, Tanaka S, Nagashima K : Inhibition of virus production in JC virus-infected cells by postinfection RNA interference. J Virol 78:7570-7273, 2004
- 215) Qu Q, Sawa H, Suzuki T, Semba S, Henmi C, Okada Y, Tsuda M, Tanaka S, Nagashima K : Nuclear entry mechanism of the human polyomavirus JC virus like particle: role of importins and the nuclear pore complex. J Biol Chem 279:27735-27742, 2004
- 216) Jin M, Sawa H, Suzuki T, Shimizu K, Makino Y, Tanaka S, Nojima T, Fujioka Y, Asamoto M, Suko N, Nagashima K : Investigation of simian virus 40 large T antigen in 18 autopsied malignant mesothelioma patients in Japan. J Med Virol 74:668-676, 2004
- 217) Sawa H, Komagome R : The JC virus-like particle overlay assay. In Lieberman PM (ed) Methods in Molecular Biology 292:175-186, 2004
- 218) Shishido-Hara Y, Ichinose S, Higuchi K, Hara Y, Yasui K : Major and minor capsid proteins of human polyomavirus JC cooperatively accumulate to nuclear domain 10 for assembly into virions. J Virol 78:9890-9903, 2004

- 219) Sato T: Infectious prion diseases in Japan. Kowalski JB, Morrissey RF, editors. International Kilmer Conference Proceedings, Laval: Polyscience Publications Vol 8:pp112-118, 2003
- 220) Hamaguchi T, Okino S, Sodeyama N, Itoh Y, Takahashi A, Otomo E, Matsushita M, Mizusawa H, Yamada M : Association of a polymorphism of the transforming growth factor- β 1 gene with cerebral amyloid angiopathy. *J Neurol Neurosurg Psychiatry* (in press)
- 221) Nishida Y, Sodeyama N, Toru Y, Toru S, Kitamoto T, Mizusawa H : Creutzfeldt-Jakob disease with a novel Insertion and codon 219 Lys/Lys polymorphism in PRNP. *Neurology* 63:1978-1979, 2004
- 222) Satoh K, Shirabe S, Eguchi H, Tsujino A, Eguchi K, Satoh A, Tsujihata M, Niwa M, Katamine S, Kurihara S and Matsuno H: 14-3-3 protein, total tau and phosphorylated tau in cerebrospinal fluid of patients with Creutzfeldt - Jakob disease and neurodegenerative disease in Japan. *Cell Mol Neurobiol.* (in press)
- 223) Satoh K, Shirabe S, Eguchi K, Yamauchi A, Kataoka Y, Niwa M, Nishida N and Katamine S : Toxicity of quinacrine can be reduced by co-administration of p-glycoprotein inhibitor in sporadic Creutzfeldt-Jakob disease. *Cell Mol Neurobiol.* 24:873-875, 2004
- 224) Dohgu S, Yamauchi A, Takata F, Sawada Y, Higuchi S, Naito M, Tsuruo T, Shirabe S, Niwa M, Kataoka Y : Uptake and Efflux of Quinacrine, a Candidate for the Treatment of Prion Disease at Blood-Brain Barrier. *Cell Mol Neurobiol.* 24:205-217, 2004
- 225) Tsuboi Y, Baba Y, Doh-ura K, Imamura A, Fujioka S, Yamada T : Diffusion-Weighted MRI in Familial Creutzfeldt-Jakob Disease With the Codon 200 Mutation in the Prion Protein Gene. *J Neurol Sci* (in press)
- 226) Amano N : Neuropsychiatric symptoms and depression in neurodegenerative diseases. *Psychogeriatrics* 4:1-3, 2004
- 227) Sueoka E, Yukitake M, Iwanaga K, Sueoka N, Aihara T, Kuroda Y : Autoantibodies against heterogeneous nuclear ribonucleoprotein B1 in CSF of MS patients. *Ann Neurol* 56:778-786, 2004
- 228) Zheng HY, Kitamura T, Takasaka T, Chen Q, Yogo Y : Unambiguous identification of JC virus strains transmitted from parents to children. *Arch Virol* 149:261-273, 2004
- 229) Zheng HY, Yasuda Y, Kato S, Kitamura T, Yogo Y : Stability of JC virus-coding sequences in a case of progressive multifocal leukoencephalopathy where the viral control region was rearranged markedly. *Arch Pathol Lab Med* 128:275-278, 2004
- 230) Ikegaya H, Iwase H, Yogo Y : Detection of identical JC virus DNA sequences in both human kidneys. *Arch Virol* 149:1215-1220, 2004
- 231) Yogo Y, Sugimoto C, Zheng HY, Ikegaya H, Takasaka T, Kitamura T : JC virus genotyping offers a new paradigm in the study of human populations . *Rev Med Virol* 14:179-191, 2004
- 232) Kato A, Kitamura T, Takasaka T, Zheng HY, Tominaga T, Yogo Y : Detection of archetypal JC virus DNAs in tonsilar tissue from patients with tonsillitis and tonsilar hypertrophy. *J Neurovirol* 10:244-249, 2004
- 233) Takasaka T, Goya N, Tokumoto T, Tanabe K, Toma H, Ogawa Y, Hokama S, Momose A, Funyu T, Fujioka T, Omori S, Akiyama H, Chen Q, Zheng HY, Ohta N, Kitamura T, Yogo Y : Subtypes of BK virus prevalent in Japan and variation in their transcriptional control region. *J Gen Virol* 85:2821-2827, 2004
- 234) Ikegaya H, Iwase H, Zheng HY, Nakajima M, Sakurada K, Takatori T, Fukayama M, Kitamura T, Yogo Y : JC virus genotyping using formalin-fixed,

- paraffin-embedded renal tissues . J Virol Methods (in press)
- 235) Fu X, Korenaga T, Fu Li, Xing Y, Guo Z, Matsushita T, Hosokawa M, Naiki H, Baba S, Kawata Y, Ikeda S, Ishihara T, Mori M, Higuchi K : Induction of AApoAII amyloidosis by various heterogenous amyloid fibrils. FEBS Lett 563:179-184, 2004
- 236) Tojo K, Tokuda T, Hoshii Y, Fu X, Higuchi K, Matsui T, Kametani F, Ikeda S : Unexpectedly high incidence of visceral AA-amyloidosis in slaughtered cattle in Japan. Amyloid: J Protein Folding Disord (in press)
- 237) Torisu H, Kusuhara K, Kira R, Bassuny WM, Sakai Y, Sanefuji M, Takemoto M, Hara T : Functional MxA promoter polymorphism associated with subacute sclerosing panencephalitis in Japan . Neurology 62:457-460, 2004
- 238) 毛利資郎 : ヒト・プリオントバイオアッセイ. 臨床検査 46 (12) : 1553-1558, 2002
- 239) 村本 環 : プリオント病予防・治療法の開発. BIO Climica 17 : 373-377, 2002
- 240) 村本 環 : プリオント感染から中枢神経侵入までファルマシア38:649-652, 2002
- 241) 村本 環 : 異常型プリオント蛋白 : その検出法, タイピング, プリオント病診断への応用. 医学のあゆみ203 : 881-887, 2002
- 242) 堀内 基広 : プリオントの検出技術. 臨床検査46 : 1545-1551, 2002
- 243) 山田正仁 : 内科医のための脳疾患講座 : プリオント病その1. Brain Medical. 14 : 210-217. 2002
- 244) 山田正仁 : 内科医のための脳疾患講座 : プリオント病その2. Brain Medical. 14 : 320-326. 2002
- 245) 山田正仁 : プリオント病の現状と課題. 総合臨床. 51 : 2293-2294. 2002
- 246) 山田正仁 : ウシ海綿状脳症 (BSE) に関連するクロイツフェルト・ヤコブ病 (CJD). 変異型CJD・脳21. 5 : 324-327, 2002
- 247) 山田正仁 : プリオント病・病態解明をめざして. CJDとvCJD. Mebio. 19 : 61-64, 2002.
- 248) 山田正仁 : プリオント病の病理-多様性の分子基盤-. 医学のあゆみ. 203:915-922, 2002.
- 249) 山田正仁 : プリオント蛋白遺伝子と臨床症状. 神經内科. 67 : 398-407. 2002.
- 250) 市山高志 : 松原知代, 古川 漸 : 小児疾患における転写因子NF- κ Bの役割. 小児科43 : 1454-1460, 2002
- 251) 市山高志 : 中枢神経系炎症性疾患のサイトカイン動態. 日児誌106 : 1391-1395, 2002
- 252) 市山高志 : 松原知代, 伊住浩史, 長谷川恵子, 模田真史, 古川 漸 : 末梢血単核球NF- κ Bの解析. 小児感染免疫14:364-370, 2002
- 253) 松原知代, 鮎川浩志, 古賀まゆみ, 市山高志 : 小児感染症におけるサイトカインの役割-末梢血IFN- γ 産生Tリンパ球を中心にして. 小児感染免疫14 : 371-376, 2002
- 254) 市山高志, 伊住浩史, 松藤博紀, 林隆 : 乳児良性部分てんかんの一家系. 臨床脳波45 : 65-68, 2003
- 255) 仙葉 眞吾, 澤 洋文, 長嶋和郎 : JCウイルスからみたグリアの生物科学. 神經研究の進歩46 : 557-65, 2002
- 256) 鈴木 忠樹, 澤 洋文, 長嶋和郎 : ヒトポリオーマウイルス・JCウイルスとヒト腫瘍の発生. 医学のあゆみ203 : 245-47, 2002
- 257) 佐藤 猛 : 変異型クロイツフェルト・ヤコブ病 : 最新の動向と診断感染予防. 東京都病院薬剤師会雑誌 51 (2) : 98-104, 2002

- 258) 佐藤 猛：牛海綿状脳症(BSE)のヒトへの感染. 東京都保健医療学会誌106:2-4, 2002
- 259) 佐藤 猛：クロイツフェルト・ヤコブ病と牛海綿状脳症. 山梨医学 30:8-13, 2002
- 260) 榎本 雪, 佐藤 猛:硬膜移植とCJD. Mebio 19: 55-59, 2002
- 261) 佐藤 猛：変異型Creutzfeldt-Jakob病の臨床. 神経内科57 (5) 408-412, 2002
- 262) 袖山信幸, 水澤英洋：プリオント病の臨床. 医学のあゆみ203 (10) :895-900, 2002
- 263) 袖山信幸、水澤英洋：プリオント病の新しい診断法. BIO Clinica. 17 (12) :70-74, 2002
- 264) 調 漸, 片峰茂：プリオント病のモデルマウスにおける運動失調. Clinical Neurosci (21) :171-173, 2003
- 265) 田丸 恒実, 天野 直二：プリオント病の病理-硬膜移植CJD、変異型CJDを含めて. 神經進歩47: 91-99, 2003
- 266) 湯浅龍彦, 木村 晓：夫英國例と疑診例から学ぶ異型Creutzfeldt-Jakob病の精神症状：その臨床的意義・脳と精神の医学 13 (2) :175-181, 2002
- 267) 湯浅龍彦, 木村 晓, 西宮 仁：ヒトのプリオント病の画像. 医学のあゆみ203 (10) :901-906, 2002
- 268) 木村 晓夫, 西宮 仁, 湯浅龍彦：プリオント病の神経画像診断. 神經進歩47 (1) : in press, 2003
- 269) 細矢光亮, 友田明美：亜急性硬化性全脳炎(SSPE)に対するribavirin療法の試み. 日本小児科学会雑誌 106:1412-1420, 2002
- 270) 友田明美, 野村恵子, 白石晴士, 三池輝久, 濱田哲暢, 細矢光亮. 亜急性硬化性全脳炎に対するribavirin併用療法に関する全国調査. 脳と発達. In press, 2003
- 271) 中島雅士, 山田達夫：Creutzfeldt-Jakob病治療の可能性：最近の治験からみた治療への展望. 神経内科. 57: 413-418, 2002
- 272) 大場 靖子、澤 洋文、長嶋 和郎：JC virus の分子細胞病理学。脳と神経 54 : 101-9, 2002.
- 273) 市山高志、伊住浩史、松藤博紀、林 隆：乳児良性部分てんかんの一家系. 臨床脳波 45: 65-68, 2003
- 274) 小林由佳、平田幸一、田中秀明、山田達夫：硬膜移植歴のあるクロイツフェルト・ヤコブ病患者に対するキナクリン投与の影響. 臨床神経学. 43(7)403-408, 2003
- 275) 佐伯圭一：動物のプリオント病 最新医学 58(5): 1008-1013, 2003
- 276) 佐藤 猛、榎本 雪：感染性プリオント病、医学のあゆみ 203:889-894, 2002
- 277) 佐藤 猛、水澤英洋、袖山信幸、増田眞之、黒岩義之、戸田宏幸、山田正仁、黒田重利、北本哲之：感染性プリオント病：硬膜移植後CJDと変異型CJD、神經進歩 47:100-108, 2003
- 278) 佐藤 猛、榎本 雪、増田眞之：医原性プリオント病：特に硬膜移植によるCreutzfeldt-Jakob 病、最新医学 49: 1001-1007, 2003
- 279) 友田明美, 野村恵子, 白石晴士, 三池輝久, 濱田哲暢, 細矢光亮：亜急性硬化性全脳炎に対するribavirin併用療法に関する全国調査. 脳と発達. 35(4) : 321-326, 2003.
- 280) 中島雅士、山田達夫：プリオント病治療の現状と今後の展望. 最新医学. 58(5):94-98, 2003
- 281) 西河美希、市山高志：乳児良性ミオクトニーてんかんの1例. 臨床小児医学 50: 99-101, 2003
- 282) 古川ひさ子、丹羽 正美：プリオント病

- の早期診断-臨床症候と検査所見- 最新医学 58:1035-1040, 2003
- 283) 古川ひさ子: プリオニン病早期診断方法開発の展望. 獣医畜産新報 56:361-365, 2003
- 284) 藤木富士夫、山田達夫: プリオニン病 . CLINICAL NEUROSCIENCE. 21(8):926-928, 2003
- 285) 細矢光亮 : 亜急性硬化性全脳炎 (SSPE) に対する新しい治療. Medical Briefs in Virus Infection. 16(1) : 12-13, 2003.
- 286) 細矢光亮 : 亜急性硬化性全脳炎の発症要因. 日本医事新報. 4107 : 126-127, 2003.
- 287) 堀江昭好、内山温、安田謙二、渡部浩、木村正彦、羽根田紀幸、市山高志、山口清次: 川崎病様症状を呈したエコー11型ウイルスによる無菌性髄膜炎の乳児例. 小児科 44: 1299-1301, 2003
- 288) 三好一郎, 毛利資郎, 笠井憲雪, 北本哲之: ヒトプリオニンに高感受性を示す遺伝子改変マウスの開発. 最新医学. 58: 1026-1034, 2003
- 289) 村本 環: プリオニン蛋白変異と発病メカニズム. 神経研究の進歩 47: 29-35, 2003
- 290) 村本 環: プリオニン蛋白の構造と病原性. 第 121 回日本医学会シンポジウム記録集 : 56-64, 2003
- 291) 佐藤克也. 調 漸. 片峰茂. 村本環. 北本哲之: 医原性クロイツフェルト・ヤコブ病. 日本臨床. 62: 248-251, 2003
- 292) 佐藤克也. 調 漸: クロイツフェルト・ヤコブ病の治療法開発, 神経難病に対する治療の試み. Bio Clinical. 18: 1074-1080, 2003
- 293) 調 漸. 片峰茂: プリオニン病の病態モデルマウスにおける運動失調. Clinical Neuroscience. 21171-173, 2003
- 294) 山田正仁: プリオニン病の実態と全国調査. 臨床神経 43:2003
- 295) 山田正仁: ヒトのプリオニン病の診断. 神経進歩 47:59-67, 2003.
- 296) 山田正仁: プリオニン蛋白遺伝子変異と臨床型. 神経進歩 47:73-89, 2003.
- 297) 佐藤 猛、水澤英洋、袖山信幸、増田真之、黒岩義之、戸田宏幸、山田正仁、黒田重利、北本哲之: 感染性プリオニン病: 硬膜移植後 CJD と変異型 CJD. 神経進歩 47:100-108, 2003.
- 298) 山田正仁: 感染症診療・投薬ガイド: クロイツフェルト・ヤコブ病. 総合臨床 52:1052-1060, 2003.
- 299) 山田正仁: 孤発性 Creutzfeldt-Jakob 病. 最新医学 58:986-994 2003.
- 300) 山田正仁, 浜口 毅: わが国におけるプリオニン病の疫学と分子遺伝学. Cognition and Dementia 2:304-310, 2003.
- 301) 山田正仁: プリオニン病の生物学的診断. 老年精神医学 14:1477-1482, 2003.
- 302) 浜口 毅、山田正仁: 医原性クロイツフェルト・ヤコブ病. 老年精神医学 14:1495-1501, 2003.
- 303) 志賀裕正. プリオニン病の分類と疫学. 最新医学 27: 979-985, 2003.
- 304) 志賀裕正. Creutzfeldt-Jakob 病の MRI 拡散強調画像. 神経内科 59: 611-615, 2003.
- 305) 志賀裕正. 輸血関連感染症検査 異常プリオニン. Medical Technology 31: 1433-1437, 2003.
- 306) 志賀裕正, 宮澤康一, 武田 篤, 荒井啓行, 堂浦克美, 糸山泰人. プリオニン病診断のための臨床検査. 臨床神経 in press, 2004.
- 307) 志賀裕正. CJD の早期画像診断.

308) 袖山信幸、水澤英洋。「プリオント病 - 最近の進歩-」4. プリオント病の遺伝学的診断。老年精神医学雑誌 14:1483-1487, 2003.

309) 袖山信幸、水澤英洋。プリオント病の新しい展開。Gerstmann-Sträussler-Sheinker病と遺伝性プリオント病。最新医学 58:995-1000, 2003.

310) 村山繁雄、齊藤祐子: プリオント病の病理概説。最新医学 2003; 58: 973-978

311) 村山繁雄、齊藤祐子: CJD: Diffusion MRI と病理との対比。Clinical Neuroscience 2003; 21: 1332-33

312) 中村好一, 飯沼一宇, 岡 次, 二瓶健次: 臨床調査個人票からみた亜急性硬化性全脳炎 (SSPE) の疫学像. 脳と発達. 35(4): 316-320, 2003

313) 堂浦克美: プリオント病治療薬の開発. 神経研究の進歩、47:109-118, 2003

314) 堂浦克美: プリオント病研究の進歩. 脳科学研究の現状と課題 杉田秀夫、高橋清久編集、311-315 頁、平成 15 年 9 月、じほう社、東京

315) 中村好一、飯沼一宇、岡鎧次、二瓶健次: 臨床調査個人票からみた亜急性硬化性全脳炎 (SSPE) の疫学像。脳と発達 35:316-320, 2003

316) 仙葉 貞吾、澤 洋文、長嶋 和郎: JC ウィルスからみたグリアの生物科学。神経研究の進歩 46: 557-65, 2002

317) 鈴木 忠樹、澤 洋文、長嶋 和郎: ヒトポリオーマウィルス・JC ウィルスとヒト腫瘍の発生。医学のあゆみ 203: 245-47, 2002

318) 田丸恒実、天野直二: プリオント病の神経病理-硬膜移植後 CJD、変異型 CJD を含めて-. 神経進歩. 47: 91-99, 2003

319) 渡邊至、名越究、中村好一: 特定疾患治療研究事業による臨床調査個人票をもとにしたクロイツフェルト・ヤコブ病のサーベイランス結果(第15回日本疫学会学術総会講演集). Journal of Epidemiology. 15(Supplement 1):160, 2005

320) 中村好一, 渡邊至, 名越究: クロイツフェルト・ヤコブ病死亡率の都道府県格差(第15回日本疫学会学術総会講演集). Journal of Epidemiology. 15(Supplement 1):161, 2005

321) 山田正仁: プリオント病蛋白高次構造を標的としたプリオント病の分子治療. 医学のあゆみ 208:463-468, 2004

322) 山田正仁: プリオント病. 松田博史、朝田 隆(編) 痴呆の画像診断、永井書店(大阪) 220-233, 2004

323) 村山繁雄: パーキンソン病の病理変化、黒質外への進展。医学のあゆみ 208:489-492, 2004

324) 村山繁雄、齊藤祐子、文村優一、愛敬直雄、原田三枝子、直井信子: 東京都高齢者ブレインバンクの創設. Dementia Jpn 18:54-63, 2004

325) 村山繁雄、齊藤祐子: リン酸化タンパク質と神経変性疾患. Molecular Medicine 41:567-572, 2004

326) 村山繁雄、齊藤祐子: パーキンソン病に伴う痴呆-び漫性レビー小体病の位置付け. 内科 93:724-726, 2004

327) 村山繁雄、齊藤祐子: 有機溶媒依存症の病理. Clinical Neuroscience 22:702-704, 2004

328) 村山繁雄、齊藤祐子、石井賢二、三谷和子、金丸和富、山之内博、栗崎博司、今福一郎: 痴呆を伴うパーキンソン病-痴呆の責任病巣. 臨床神経 44:824-826, 2004

329) 村山繁雄、齊藤祐子: アルツハイマー病は血管因子によるものか、老化・加齢によるものか. Cognition & Dementia 3:298-303,

2004

- 330) 村山繁雄, 齊藤祐子:痴呆と血管病変。白質病変の形成機序。アルツハイマー病でみられる白質病変とビンスワンガー型痴呆の類似点と相違点。分子脳血管病 3:25-30, 2004
- 331) 村山繁雄, 齊藤祐子:レヴィー小体の意味。メジカルプラクティス 21:1081-1083, 2004
- 332) 村山繁雄, 齊藤祐子:神経・病理と臨床 22:235-239, 2004
- 333) 齊藤祐子, 村山繁雄:Niemann-Pick 病とリポ蛋白。The Lipid 15:497-501, 2004
- 334) 村山繁雄, 齊藤祐子:脳加齢現象における形態・機能診断の最前線、病理。臨床画像 20:894-910, 2004
- 335) 村山繁雄, 齊藤祐子, 仲博満, 山之内博:亜急性連合性脊髄症。脊椎脊髄ジャーナル 17:1099-1102, 2004
- 336) 村山繁雄:中枢神経系の病理。現代医療 13:278-281, 2004
- 337) 綱 康至:麻疹ウイルスによる動物脳炎モデル作成の試み。NEUROINFECTION 9:75-78, 2004
- 338) 市山高志:喘息治療薬の抗炎症作用—NF- κ B活性化の抑制—。日本小児アレルギー学会誌 18:41-44, 2004
- 339) 古川 漸、市山高志、松原知代:川崎病と免疫グロブリン療法—免疫グロブリンの作用機序を中心にして。小児感染免疫 16:53-59, 2004
- 340) 松原知代、市山高志:長期管理薬—テオフィリン薬の適応と投与法。小児内科 36:622-626, 2004
- 341) 古川 漸、松原知代、市山高志、金子美保:症例から学ぶ感染免疫学。Neuroinfection 9:17-23, 2004
- 342) 市山高志:髄膜炎へのアプローチ。Neuroinfection 9:31-34, 2004
- 343) 市山高志:脳炎・脳症とサイトカイン。小児内科 36:1025-1029, 2004
- 344) 市山高志:臨床からみた喘息治療薬の抗炎症作用。小児科 45:1573-1578, 2004
- 345) 市山高志:急性散在性脳脊髄炎。小児内科 36:1646-1649, 2004
- 346) 細矢光亮:亜急性硬化性全脳炎に対するリバビリン脳室内投与療法の開発。Neuroinfection 9:79-85, 2004
- 347) 大場靖子, 澤 洋文, 長嶋和郎:JC virus の分子細胞病理学。脳と神経 54:101-109, 2002
- 348) 仙葉眞吾, 澤 洋文, 長嶋和郎:JCウイルスからみたグリアの生物科学。神経研究の進歩 46:557-565, 2002
- 349) 鈴木忠樹, 澤 洋文, 長嶋和郎:ヒトポリオーマウイルス・JCウイルスとヒト腫瘍の発生。医学のあゆみ 203:245-247, 2002
- 350) 佐藤 猛:クロイツフェルト・ヤコブ病。感染症の診断・治療ガイドライン、日本医師会雑誌 132:196-201, 2004
- 351) 袖山信幸, 水澤英洋:医学と医療の最前線。プリオント病:最近の進歩。日本内科学会雑誌 93:2223-2230, 2004
- 352) 佐藤克也, 調 漸, 片峰 茂, 村本環, 北本哲之:医原性クロイツフェルト・ヤコブ病。日本臨床 62:248-251, 2004
- 353) 富田逸郎, 佐藤克也, 調 漸, 長郷国彦, 佐藤 聰, 辻畠光宏:発症早期からMRI拡散強調画像を経時的にしらべたCreutzfeldt-Jakob病の1例。臨床神経 44:182-186, 2004
- 354) 田丸恒実, 天野直二:プリオント病の神経病理—硬膜移植後CJD、変異型CJDを含めて—。神経研究の進歩 47:91-99, 2003

- 355) 黒田康夫, 江里口誠:神経系感染症の診断と治療. 医学と薬学 52:342-348, 2004
- 356) 新井憲俊, 岸田修二, 順高朝子, 大田恵子 : AIDS に合併した進行性多巣性白質脳症 8 例の検討. 臨床神経 45 掲載予定, 2005
- 357) 内堀 歩, 小林康弘, 千葉厚郎, 土屋一洋, 鄭 優穎, 余郷嘉明, 作田 学: 後天性免疫不全症候群にともなう進行性多巣性白質脳症病変の拡散強調画像を中心とした MRI による神経放射線学的検討. 臨床神経 44:531-536, 2004
- 358) 楠原浩一, 吉良龍太郎, 原 寿郎 : SSPE における宿主側遺伝要因の解析. Neuroinfection 9:66-71, 2004
- 359) 堂浦克美 : プリオン病 : 遺伝子異常と臨床像・病理像および治療薬開発の展望. 臨床神経 44:855-856, 2004

2. 学会発表

- 1) Hamaguchi T, Kitamoto T, Sato T, Mizusawa H, Nakamura Y, Noguchi M, Furukawa Y, Ishida C, Kuji I, Mitani K, Murayama S, Kohriyama T, Katayama S, Yamashita M, Yamamoto T, Ueda F, Kawakami A, Ihara Y, Nishinaka T, Kuroda S, Suzuki N, Shiga Y, Arai H, Maruyama M, Yamada M. MM2 type sporadic Creutzfeldt-Jakob disease: clinicoradiologic features and clinical diagnosis. International Symposium on Prion Diseases: Food and Drug Safety, October 31-November 2, 2004, Sendai Excel Hotel Tokyu, Sendai, Japan.
- 2) Ishida C, Okino S, Kitamoto T, Yamada M. Involvement of the peripheral nervous system in human prion diseases including dural graft-associated Creutzfeldt-Jakob disease. International Symposium on Prion Diseases: Food and Drug Safety, October 31-November 2, 2004, Sendai Excel Hotel Tokyu, Sendai, Japan
- 3) Sato T, Masuda M, Utsumi Y, Enomoto S, Yamada M, Mizusawa H, Kitamoto T. Relationship between sites of grafts and initial clinical manifestations in dura mater related Creutzfeldt-Jakob disease. International Symposium on Prion Disease, November 1, 2004, Sendai Excel Hotel Tokyu, Sendai
- 4) Sodeyama N, Nakamura Y, Yamada M, Satoh T, Kitamoto T, Mizusawa H. Duration between initial manifestation of CJD and detection of PSD, specific findings on MRI, CSF 14-3-3 protein, or CSF high NSE. International Symposium on Prion Diseases: Food and Drug Safety, October 31-November 2, 2004, Sendai Excel Hotel Tokyu, Sendai, Japan
- 5) Saito Y, Murayama S, Shimizu J, Hosino M, Takatsu M, Komatsuzaki Y, Nakano S, Arima K, Sasaki K, Takahashi K, Hara M, Hirayasu Y, Yamada M, Kanazawa I. Familial Creutzfeldt-Jakob disease with five octapeptide repeat insert. International Symposium on Prion Diseases: Food and Drug Safety, October 31-November 2, 2004, Sendai Excel Hotel Tokyu, Sendai, Japan
- 6) Sodeyama N, Nakamura Y, Yamada M, Satoh T, Kitamoto T, Mizusawa H. Duration between initial manifestation of CJD and detection of PSD, specific findings on MRI, 14-3-3 protein, or high NSE. 2004 International Symposium of Prion Diseases for Food and Drug Safety. (Sendai, Japan) 1 November, 2004.
- 7) Saito Y, Motoyoshi Y, Kashima M, Izumiya-Shimomura N, Toda T, Nakano I, Hasegawa M, Murayama S: Aberrant phosphorylation of tau in Fukuyama-type congenital muscular dystrophy. 80th Annual Meeting of the American Association for

- Neuropathologists. Cleveland, 2004, J Neuropath Exp Neurol 2004; 63: 530
- 9) Saito Y, Murayama S: Prospective and retrospective studies of mild cognitive impairment. Abstracts of International Conference on Alzheimer's disease and Related disorders. <http://www.abstractsonline.com/Viewer/P1-030>, Neurobiol Aging 2004; 25 (S2) S103
- 10) Kanemaru K, Murayama S, Saito Y, Yamanouchi H: Correlation of CSF biomarkers with Alzheimer pathology. Neurobiol Aging 2004; 25 (S2) S365
- 11) Kuzuhara S, Saito Y, Murayama S: Cotton-wool plaques, plaque-like angiopathy, neurofibrillary tangles and leukoencephalopathy in a Japanese man clinically presenting with Binswanger's disease. Neurobiol Aging 2004; 25 (S2) S401
- 12) Kadoyama K, Mohri I., Sato Y, Kagitani-Shimono K., Saito Y, Oozono K., Murayama S., Taniike M. Urade Y: Prostaglandin D2-mediated inflammation in glial cells associated with senile plaques in Alzheimer's disease. Abst. Jap. Neuosci. Soc, 2004, P2-28
- 13) Saito Y, Sawabe M, Yamanouchi H, Murayama S: Alzheimer disease and Lewy body dementia in aging cohort-neuropathological study. Abstract of the 34th Annual Meeting of the Society for Neuroscience, San-Diego, 2004, Soc Neurosci Abstr (in press)
- 14) Kimura Y, Umemura K, Yamashita N, Arima K, Asada T, Makifuchi T, Murayama S, Goto, Y, Kohsaka S, Kanazawa I, Kimura H: Gene expression in frontal cortices of patients of Alzheimer-type dementia. Abstract of the 34th Annual Meeting of the Society for Neuroscience, San Diego, USA. Oct. 24, 2004, Soc Neurosci Abstr (in press)
- 15) Urade Y, Kadoyama K, Mohri, I, Satoh Y, Kagitani-Shimono K, Saito Y, Oozono K,
- Murayama S, Taniike M: Evidence of prostaglandin D2-mediated chronic inflammation within senile plaques in Alzheimer disease. Abstract of the 34th Annual Meeting of the Society for Neuroscience, San Diego, USA. Oct. 24, 2004, Soc Neurosci Abstr (in press)
- 16) Saito Y, Murayama S, Shimizu J, Hoshino M, Takatsu N, Komatsuzaki Y, Nakano S, Arima K, Sasaki K, Takahashi K, Hara M, Hirayasu Y, Yamada M, Kanazawa I: Familial Creutzfeldt-Jakob disease with five octapeptide repeat inserts. International Symposium on prion disease, Sendai, Japan, 2004. 10.31-11.2
- 17) Saito Y, Yamanouchi H, Murayama S: Lewy body-related alpha-synucleinopathy in aging. International Symposium on Dopaminergic Mechanism and Neurpharmacology in Parkinson Disease, 2004.12.3-4, Osaka, Japan
- 18) Shiga Y, et al. Superiority of diffusion-weighted MRI for depicting the lesions related to Creutzfeldt-Jakob disease. American Academy of Neurology 56th Annual Meeting (San Francisco, USA) April 28, 2004
- 19) Shiga Y, et al. Superiority of diffusion-weighted MRI for depicting the lesions related to Creutzfeldt-Jakob disease. American Academy of Neurology 56th Annual Meeting (San Francisco, USA) April 28, 2004
- 20) Sasaki K, Doh-ura K, Iwaki T. New pretreatment method for immunohistochemistry for abnormal prion protein. International Symposium Prion Diseases Food And Drug Safety. Sendai, Japan, 2004
- 21) protein. International Symposium Prion Diseases Food And Drug Safety. Sendai, Japan, 2004
- 22) Tsuboi Y, Fujiki F, Yamauchi A, Doh-ura K, Kataoka Y, Yamada T. Treatment with Anti-malaria Agents, Quinacrine and Quinine, for Creutzfeldt-Jakob disease patients. International Symposium Prion Diseases-Food and Drug Safety. Sendai, Oct 31-Nov 2, 2004)

- 23) Satho K: Comparative analysis of chronological data of total tau protein in CSF, serial studies of MRI (DWI, and FLAIR) and staging of clinical features in patients with sporadic CJD. International Symposium Of Prion Diseases For Food and Drug Safety (Kitamoto T. Sendai Excel Hotel JAPAN. Oct 31 Nov 2004)
- 24) Shirabe S., Satoh K., Eguchi., Niwa M., Nishida N., Yamauchi A., Kataoka Y., Katamine S: Clinical trials of oral pentosan polysulfate (PPS) for Prion diseases and new design of low molecular-weight PPS as a candidate of therapeutic agent for CJD. International Symposium Of Prion Diseases For Food and Drug Safety (Kitamoto T. Sendai Excel Hotel JAPAN. Oct 31 Nov 2004)
- 25) Tsuboi Y, Fujiki F, Yamauchi A, Doh-ura K, Kataoka Y, Yamada T: Treatment with Anti-malaria Agents, Quinacrine and Quinine, for Creutzfeldt-Jakob disease patients. International Symposium of Prion Diseases -food and drug safety-, Sendai, Oct.31-Nov.2, 2004
- 26) Ishikawa K, Kudo Y, Doh-ura K: Inhibition of abnormal PrP formation by amyloid-imaging probes in vitro. International Symposium of Prion Diseases -food and drug safety-, Sendai, Oct.31-Nov.2, 2004
- 27) Miyamoto T, Sadatomi R, Tanaka H, Higuchi R, Kawatake S, Doh-ura K: Can Forage Grasses inhibit Prion Replication? International Symposium of Prion Diseases -food and drug safety-, Sendai, Oct.31-Nov.2, 2004
- 28) Furukawa H, Doh-ura K, Okuwaki R, Shirabe S, Yamamoto K, Udon H, Ito T, Katamine S, Niwa M: A pitfall in diagnosis of human prion diseases using detection of protease-resistant prion protein in urine: contamination with bacterial outer membrane proteins. International Symposium of Prion Diseases -food and drug safety-, Sendai, Oct.31-Nov.2, 2004
- 29) Sasaki K, Doh-ura K, Iwaki T: New pretreatment method for immunohistochemistry for abnormal prion protein. International Symposium of Prion Diseases -food and drug safety-, Sendai, Oct.31-Nov.2, 2004
- 30) Horiuchi, M.: Inhibition of protease-resistant prion protein (PrP) formation by anti-PrP antibodies, The 7th Joint Symposium between Hokkaido University Graduate School of Veterinary Medicine & Seoul University College of Veterinary Medicine, The 6th COE International Symposium for Zoonosis Control (2004, 7/8, Sapporo)
- 31) Horiuchi, M., Tamura, Y., and Furuoka, H.: Comparative analyses of three mouse-adapted scrapie strains G1, Obihiro, and I3/I5 and pathogenesis of G1 strain-induced polyuria in ICR mice. International Symposium Prion Disease Food and Drug Safety (2004, 10/31-11/2, Sendai, Japan)
- 32) Horiuchi, M., Kim, C.-L., Ogino, M., Furuoka, H., and Shinagawa, M.: Cell surface retention of PrPC by anti-PrP antibody prevents protease-resistant PrP formation. International Symposium Prion Disease Food and Drug Safety (2004, 10/31-11/2, Sendai, Japan)
- 33) Motohiro Horiuchi.: BSE screening in Japan, The animal prion disease and TSE (2004, 10/14-16, Ames, USA)
- 34) Yamanaka H., Ishibashi D., Tsuji T., Sakaguchi S.: Mucosa immuneogenicity of prion protein fused with heat-labile enterotoxin B subunit. International Symposium, Prion Diseases, Food and drug safety, Sendai, Japan, 2004
- 35) Hashiguchi S., Yamamoto M., Kitamoto S., Nakashima T., Yamanaka H., Ishibashi D., Sakaguchi S., Katamine S., Ito Y., Sugimura K.: Prion-conformation-specific human antibodies established from phage display library. International Symposium, Prion Diseases, Food and drug safety, Sendai, Japan,